2nd & Final

Name of Work:Improvements to Roads and drains works at Kattigenahalli Main and Cross, Sirinagara, Niranthara layout, SriKrishna Garden, Shivashankar layout, Varaha layout, Bindu layout and Surrounding areas in Ward No-05

005-20-000094

BB. Umesha

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"SECOND AND FINAL BILL"

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:Improvements to Roads and drains works at Kattigenahalli Main and Cross, Sirinagara, Niranthara layout, SriKrishna Garden, Shivashankar layout, Varaha layout, Bindu layout and Surrounding areas

Measurement Sheet

Second and Final Bill

Item No:	2
Item Name:	KSRRB300 - Excavation for road, drains and similar works ,KSRRB300-1 : Earthwork excavation by manual means in ordinary soil involving as average horizontal throw upto 2 mters and an average lifts upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications with all lead and lift and as per the direction of Engineer in-charge.

Premeasurement recorded on:

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	cross road 1									
	0.00	450.00	1	450.00	0.50	0.50	0.50	0.55	123.75	
	cross road 2									
	0.00	363.00	1	363.00	0.50	0.50	0.50	0.60	108.90	
	FOR SSM CULVERT									
	Sri Krishna Garden Main road RHS									
	0.00	6.20	1	6.20	1.80	1.80	1.80	1.20	13.39	
	Kattigenahalli 2nd main road									
	0.00	6.90	1	6.90	1.80	1.80	1.80	1.10	13.66	
	Kattigenahalli 3rd main road									
	0.00	11.00	1	11.00	1.80	1.80	1.80	1.10	21.78	
								Total Qty Work Done	**281.48**	**Cum**
								Qty Payable in this bill	**281.48**	**Cum**
								Qty Paid in 1st Bill	**1058.05**	**Cum**
								Total Qty	**1339.53**	**Cum**
								Qty Payable in 2nd Bill	**281.48**	**Cum**
								Qty upto 125%	**264.80**	**Cum**
								Qty Above 125%	**16.69** 16.68	**Cum**

Contractor Representative

Consultant Representative

Asst.Engineer

Asst.Executive Engineer

01

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:Improvements to Roads and drains works at Kattigenahalli Main and Cross, Sirinagara, Niranthara layout, SriKrishna Garden, Shivashankar layout, Varaha layout, Bindu layout and Surrounding areas in Ward No-05

Measurement Sheet

Second and Final Bill

Item No: 4

Item Name: KSRB M2100-10 : Providing and laying plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89 cum and fine aggregtes @ 0.46cum, in foundation machanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labours, HOM curing, from works, scffolding and centering complete as per specifications.(P.No- 222, I.No-27.18)

Premeasurement recorded on:

SLNO	CHAINAGE		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	FOR SSM CULVERT									
	Sri Krishna Garden Main road RHS									
	0.00	6.20	1	6.20	1.80	1.80	1.80	0.15	1.67	
	Kattigenahalli 2nd main road									
	0.00	6.90	1	6.90	1.80	1.80	1.80	0.15	1.86	
	Kattigenahalli 3rd main road									
	0.00	11.00	1	11.00	1.80	1.80	1.80	0.15	2.97	
								Total Qty Work Done	**6.51**	**Cum**
								Qty Payable in this bill	**6.51**	**Cum**
								Qty Paid in 1st Bill	**8.42**	**Cum**
								Total Qty	**14.93**	**Cum**
								Qty Payable in 2nd Bill	**6.51**	**Cum**

17/2/24

Contractor Representative

NEWTEN CONSULTANT BANGALORE

Consultant Representative

17/2/24

Asst Engineer

Asst Executive Engineer

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02

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:Improvements to Roads and drains works at Kattigenahalli Main and Cross, Sirinagara, Niranthara layout, SriKrishna Garden, Shivashankar layout, Varaha layout, Bindu layout and Surrounding areas in Ward No-05

Measurement Sheet

Second and Final Bill

Item No:	5
Item Name:	KSRB 5.2-3: Providing and constructing granite / trap / baslt size stone masonary in foundation with cement mortar , stone hammered dressed in course not less than 20 cms high, bond stones at 2m. Apart in each course including cost materials , labours , curing complete as per specifications. KBS-5.1.13 , cement mortar 1:6 KBS-5.1.13 (P.No-25, I.No-5.6).

Premeasurement recorded on:

SLNO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	FOR SSM CULVERT WALL									
	Sri Krishna Garden Main road RHS									
	0.00	6.20	2	6.20	0.45	0.45	0.45	0.76	4.24	
	Kattigenahalli 2nd main road									
	0.00	6.90	2	6.90	0.45	0.45	0.45	0.68	4.22	
	Kattigenahalli 3rd main road									
	0.00	11.00	2	11.00	0.45	0.45	0.45	0.80	7.92	
								Total Qty Work Done	**16.38**	**Sqm**
								Qty Payable in this bill	**16.38**	**Sqm**
								Qty Paid in 1st Bill	**22.46**	**Cum**
								Total Qty	**38.84**	**Cum**
								Qty Payable in 2nd Bill	**16.38**	**Cum**

Contractor Representative

Consultant Representative

Asst.Engineer

Asst.Executive Engineer

03

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:Improvements to Roads and drains works at Kattigenahalli Main and Cross, Sirinagara, Niranthara layout, SriKrishna Garden, Shivashankar layout, Varaha layout, Bindu layout and Surrounding areas in Ward No-05

Measurement Sheet

Second and Final Bill

Item No:	6
Item Name:	KSRB 4-1.6: Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC at 240kgs, with 20mm and down size granite metal coarse aggregates at 0.878 cum and fine aggregates at 0.53cum , mechine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted in foundation , plinth and cills, including cost of materials, labours, HOM curing complete as per specifications.specifications No. KBS 4.1.4.2.(P.No-13, I.No4.6)

Premeasurement recorded on:

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	FOR SSM CULVERT coping									
	Sri Krishna Garden Main road RHS									
	0.00	6.20	2	6.20	0.45	0.45	0.45	0.125	0.70	
	Kattigenahalli 2nd main road									
	0.00	6.90	2	6.90	0.45	0.45	0.45	0.125	0.78	
	Kattigenahalli 3rd main road									
	0.00	11.00	2	11.00	0.45	0.45	0.45	0.125	1.24	
	FOR SSM CULVERT vent									
	Sri Krishna Garden Main road RHS									
	0.00	6.20	1	6.20	0.60	0.60	0.60	0.15	0.56	
	Kattigenahalli 2nd main road									
	0.00	6.90	1	6.90	0.60	0.60	0.60	0.15	0.62	
	Kattigenahalli 3rd main road									
	0.00	11.00	1	11.00	0.60	0.60	0.60	0.15	0.99	
								Total Qty Work Done	**4.88**	**Cum**
								Qty Payable in this bill	**4.88**	**Cum**
								Qty Paid in 1st Bill	**458.36**	**Cum**
								Total Qty	**463.24**	**Cum**
								Qty Payable in 2nd Bill	**4.88**	**Cum**

Contractor Representative

NEWLEEN CONSULTANTS BANGALORE

Consultant Representative

Asst Engineer

Asst.Executive Engineer

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:Improvements to Roads and drains works at Kattigenahalli Main and Cross, Sirinagara, Niranthara layout, SriKrishna Garden, Shivashankar layout, Varaha layout, Bindu layout and Surrounding areas in Ward No-05

Measurement Sheet

Second and Final Bill

Item No: **10**

KSRRB M300-14: Excavation for roadwork in soil with hydralic excavation of 0.9 cum bucket capacity including cutting and laoding in tippers,trimming bottom and side slopes , in accordance with requiement of lines , grades and cross section , and transporting to the embankment location to a lead of 1 km and complete as per specifications with all lead and lift and as per the direction of Engineer in-

Premeasurement recorded on:

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	Palanahalli 25th cross road									
	0.00	30.00	1	30.00	14.45	8.00	11.23	0.40	134.70	
	30.00	50.00	1	20.00	8.00	9.60	8.80	0.40	70.40	
	50.00	80.00	1	30.00	9.60	8.80	9.20	0.40	110.40	
	80.00	110.00	1	30.00	8.80	8.80	8.80	0.40	105.60	
	110.00	122.50	1	12.50	8.80	10.60	9.70	0.40	48.50	
	122.50	152.50	1	30.00	10.60	12.20	11.40	0.40	136.80	
	152.50	159.10	1	6.60	12.20	12.40	12.30	0.40	32.47	
	159.10	165.80	1	6.70	12.40	11.30	11.85	0.40	31.76	
	165.80	174.50	1	8.70	11.30	12.60	11.95	0.40	41.59	
	174.50	190.90	1	16.40	12.60	9.00	10.80	0.40	70.85	
	190.90	199.30	1	8.40	9.00	11.00	10.00	0.40	33.60	
	199.30	229.30	1	30.00	15.45	8.30	11.88	0.40	142.50	
	229.30	247.30	1	18.00	8.30	9.20	8.75	0.40	63.00	
	247.30	277.30	1	30.00	9.20	6.30	7.75	0.40	93.00	
	277.30	307.30	1	30.00	6.30	8.30	7.30	0.40	87.60	
	307.30	337.30	1	30.00	8.30	8.60	8.45	0.40	101.40	
	337.30	367.30	1	30.00	8.60	8.20	8.40	0.40	100.80	
	367.30	397.30	1	30.00	8.20	8.00	8.10	0.40	97.20	
	397.30	427.30	1	30.00	8.00	8.40	8.20	0.40	98.40	
	427.30	457.30	1	30.00	8.40	8.20	8.30	0.40	99.60	
	457.30	487.30	1	30.00	8.20	8.00	8.10	0.40	97.20	
	487.30	517.30	1	30.00	8.00	8.00	8.00	0.40	96.00	
	517.30	536.30	1	19.00	16.45	8.20	12.33	0.40	93.67	
	Bhagath enclave 2nd cross									
	0.00	30.00	1	30.00	7.00	6.60	6.80	0.35	71.40	
	30.00	60.00	1	30.00	6.60	6.40	6.50	0.35	68.25	
	60.00	89.00	1	29.00	6.40	6.30	6.35	0.35	64.45	
	Cross Road A									
	0.00	30.00	1	30.00	6.60	6.50	6.55	0.35	68.78	
	30.00	60.00	1	30.00	6.50	6.00	6.25	0.35	65.63	
	60.00	90.00	1	30.00	6.00	6.00	6.00	0.35	63.00	
	90.00	120.00	1	30.00	6.00	6.00	6.00	0.35	63.00	
	120.00	150.00	1	30.00	6.30	6.30	6.30	0.35	66.15	

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SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	150.00	180.00	1	30.00	6.30	6.30	6.30	0.35	66.15	
	180.00	200.00	1	20.00	6.30	6.70	6.50	0.35	45.50	
	Cross Road B									
	0.00	30.00	1	30.00	6.60	6.50	6.55	0.35	68.78	
	30.00	60.00	1	30.00	6.50	6.00	6.25	0.35	65.63	
	60.00	90.00	1	30.00	6.00	6.00	6.00	0.35	63.00	
	90.00	120.00	1	30.00	6.00	6.00	6.00	0.35	63.00	
	120.00	150.00	1	30.00	6.30	6.30	6.30	0.35	66.15	
	150.00	180.00	1	30.00	6.30	6.30	6.30	0.35	66.15	
	180.00	200.00	1	20.00	6.30	6.70	6.50	0.35	45.50	
	Shivashankar layout 3rd main									
	0.00	30.00	1	30.00	3.00	3.10	3.05	0.35	32.03	
	30.00	60.00	1	30.00	3.10	3.00	3.05	0.35	32.03	
	60.00	90.00	1	30.00	3.00	3.00	3.00	0.35	31.50	
	90.00	120.00	1	30.00	3.00	3.00	3.00	0.35	31.50	
	120.00	150.00	1	30.00	3.00	3.10	3.05	0.35	32.03	
	150.00	171.40	1	21.40	3.10	3.00	3.05	0.35	22.84	
	Shivashankar layout 2nd main									
	0.00	30.00	1	30.00	7.00	7.25	7.13	0.35	74.81	
	30.00	60.00	1	30.00	7.25	6.80	7.03	0.35	73.76	
	60.00	90.00	1	30.00	6.80	7.20	7.00	0.35	73.50	
	90.00	120.00	1	30.00	7.20	7.30	7.25	0.35	76.13	
	120.00	150.00	1	30.00	7.30	7.10	7.20	0.35	75.60	
	150.00	171.60	1	21.60	7.10	6.60	6.85	0.35	51.79	
	Shivashankar layout cross road									
	0.00	30.00	1	30.00	5.70	5.50	5.60	0.35	58.80	
	30.00	33.00	1	3.00	5.50	5.50	5.50	0.35	5.78	
	Shivashankar layout 4th main									
	0.00	30.00	1	30.00	3.00	3.10	3.05	0.35	32.03	
	30.00	60.00	1	30.00	3.10	3.10	3.10	0.35	32.55	
	60.00	90.00	1	30.00	3.10	3.00	3.05	0.35	32.03	
	90.00	120.00	1	30.00	3.00	3.00	3.00	0.35	31.50	
	120.00	150.00	1	30.00	3.10	3.00	3.05	0.35	32.03	
	150.00	170.00	1	20.00	3.00	3.00	3.00	0.35	21.00	
								Total Qty Work Done	3920.74	Cum
								Qty Payable in this bill	3920.74	Cum
								Qty Paid in 1st Bill	6382.27	Cum
								Total Qty	10303.01	Cum
								Qty Payable in 2nd Bill	3920.74	Cum

Contractor Representative

Asst Engineer 1/3/24

Consultant Representative

NEWZEN CONSULTANT BANGALORE

Asst.Executive Engineer 1/3/2024

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:Improvements to Roads and drains works at Kattigenahalli Main and Cross, Sirinagara, Niranthara layout, SriKrishna Garden, Shivashankar layout, Varaha layout, Bindu layout and Surrounding areas in Ward No-05

Measurement Sheet

Second and Final Bill

Item No	11
Item Name:	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/trap/basalt material, mixing in a mechanical mix plant at OMC , Carriage of mixed materials to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications with all lead and lift and as per direction of Engineer In-charge

Premeasurement recorded on:

SLNO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	Palanahalli 25th cross road									
	0.00	30.00	1	30.00	14.45	8.00	11.23	0.180	60.62	
	30.00	50.00	1	20.00	8.00	9.60	8.80	0.180	31.68	
	50.00	80.00	1	30.00	9.60	8.80	9.20	0.180	49.68	
	80.00	110.00	1	30.00	8.80	8.80	8.80	0.180	47.52	
	110.00	122.50	1	12.50	8.80	10.60	9.70	0.180	21.83	
	122.50	152.50	1	30.00	10.60	12.20	11.40	0.180	61.56	
	152.50	159.10	1	6.60	12.20	12.40	12.30	0.180	14.61	
	159.10	165.80	1	6.70	12.40	11.30	11.85	0.180	14.29	
	165.80	174.50	1	8.70	11.30	12.60	11.95	0.180	18.71	
	174.50	190.90	1	16.40	12.60	9.00	10.80	0.180	31.88	
	190.90	199.30	1	8.40	9.00	11.00	10.00	0.180	15.12	
	199.30	229.30	1	30.00	11.00	8.30	9.65	0.180	52.11	
	229.30	247.30	1	18.00	8.30	9.20	8.75	0.180	28.35	
	247.30	277.30	1	30.00	9.20	6.30	7.75	0.180	41.85	
	277.30	307.30	1	30.00	6.30	8.30	7.30	0.180	39.42	
	307.30	337.30	1	30.00	8.30	8.60	8.45	0.180	45.63	
	337.30	367.30	1	30.00	8.60	8.20	8.40	0.180	45.36	
	367.30	397.30	1	30.00	8.20	8.00	8.10	0.180	43.74	
	397.30	427.30	1	30.00	8.00	8.40	8.20	0.180	44.28	
	427.30	457.30	1	30.00	8.40	8.20	8.30	0.180	44.82	
	457.30	487.30	1	30.00	8.20	8.00	8.10	0.180	43.74	
	487.30	517.30	1	30.00	8.00	8.00	8.00	0.180	43.20	
	517.30	536.30	1	19.00	8.00	8.20	8.10	0.180	27.70	
	Bhagath enclave 2nd cross									
	0.00	30.00	1	30.00	7.00	6.60	6.80	0.150	30.60	
	30.00	60.00	1	30.00	6.60	6.40	6.50	0.150	29.25	
	60.00	89.00	1	29.00	6.40	6.30	6.35	0.150	27.62	

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SLNO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	Shivashankar layout 3rd main									
	0.00	30.00	1	30.00	3.00	3.10	3.05	0.150	13.73	
	30.00	60.00	1	30.00	3.10	3.00	3.05	0.150	13.73	
	60.00	90.00	1	30.00	3.00	3.00	3.00	0.150	13.50	
	90.00	120.00	1	30.00	3.00	3.00	3.00	0.150	13.50	
	120.00	150.00	1	30.00	3.00	3.10	3.05	0.150	13.73	
	150.00	171.40	1	21.40	3.10	3.00	3.05	0.150	9.79	
	Shivashankar layout 2nd main									
	0.00	30.00	1	30.00	7.00	7.25	7.13	0.150	32.06	
	30.00	60.00	1	30.00	7.25	6.80	7.03	0.150	31.61	
	60.00	90.00	1	30.00	6.80	7.20	7.00	0.150	31.50	
	90.00	120.00	1	30.00	7.20	7.30	7.25	0.150	32.63	
	120.00	150.00	1	30.00	7.30	7.10	7.20	0.150	32.40	
	150.00	171.60	1	21.60	7.10	6.60	6.85	0.150	22.19	
	Shivashankar layout cross road									
	0.00	30.00	1	30.00	5.70	5.50	5.60	0.150	25.20	
	30.00	33.00	1	3.00	5.50	5.50	5.50	0.150	2.48	
	Shivashankar layout 4th main									
	0.00	30.00	1	30.00	3.00	3.10	3.05	0.150	13.73	
	30.00	60.00	1	30.00	3.10	3.10	3.10	0.150	13.95	
	60.00	90.00	1	30.00	3.10	3.00	3.05	0.150	13.73	
	90.00	120.00	1	30.00	3.00	3.00	3.00	0.150	13.50	
	120.00	150.00	1	30.00	3.10	3.00	3.05	0.150	13.73	
	150.00	170.00	1	20.00	3.00	3.00	3.00	0.150	9.00	365.66
								Total Qty Work Done	**1320.83**	**Cum**
								Qty Payable in this bill	**1320.83**	**Cum**
								Qty Paid in 1st Bill	**3435.03**	**Cum**
								Total Qty	**4755.86**	**Cum**
								Qty Payable in 2nd Bill	**1320.83**	**Cum**

Contractor Representative

Asst. Engineer

NEW LEEL CONSULTANT BANGALORE

Consultant Representative

Asst.Executive Engineer

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SLNO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	Shivashankar layout 3rd main									
	0.00	30.00	1	30.00	3.00	3.10	3.05	0.150	13.73	
	30.00	60.00	1	30.00	3.10	3.00	3.05	0.150	13.73	
	60.00	90.00	1	30.00	3.00	3.00	3.00	0.150	13.50	
	90.00	120.00	1	30.00	3.00	3.00	3.00	0.150	13.50	
	120.00	150.00	1	30.00	3.00	3.10	3.05	0.150	13.73	
	150.00	171.40	1	21.40	3.10	3.00	3.05	0.150	9.79	
	Shivashankar layout 2nd main									
	0.00	30.00	1	30.00	7.00	7.25	7.13	0.150	32.06	
	30.00	60.00	1	30.00	7.25	6.80	7.03	0.150	31.61	
	60.00	90.00	1	30.00	6.80	7.20	7.00	0.150	31.50	
	90.00	120.00	1	30.00	7.20	7.30	7.25	0.150	32.63	
	120.00	150.00	1	30.00	7.30	7.10	7.20	0.150	32.40	
	150.00	171.60	1	21.60	7.10	6.60	6.85	0.150	22.19	
	Shivashankar layout cross road									
	0.00	30.00	1	30.00	5.70	5.50	5.60	0.150	25.20	
	30.00	33.00	1	3.00	5.50	5.50	5.50	0.150	2.48	
	Shivashankar layout 4th main									
	0.00	30.00	1	30.00	3.00	3.10	3.05	0.150	13.73	
	30.00	60.00	1	30.00	3.10	3.10	3.10	0.150	13.95	
	60.00	90.00	1	30.00	3.10	3.00	3.05	0.150	13.73	
	90.00	120.00	1	30.00	3.00	3.00	3.00	0.150	13.50	
	120.00	150.00	1	30.00	3.10	3.00	3.05	0.150	13.73	
	150.00	170.00	1	20.00	3.00	3.00	3.00	0.150	9.00	365.66
								Total Qty Work Done	**1320.83**	**Cum**
								Qty Payable in this bill	**1320.83**	**Cum**
								Qty Paid in 1st Bill	**3435.03**	**Cum**
								Total Qty	**4755.86**	**Cum**
								Qty Payable in 2nd Bill	**1320.83**	**Cum**

Contractor Representative

Asst. Engineer

28/2/24

NEWTECH CONSULTANT BANGALORE

Consultant Representative

28/2/2024

Asst.Executive Engineer

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08

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:Improvements to Roads and drains works at Kattigenahalli Main and Cross, Sirinagara, Niranthara layout, SriKrishna Garden, Shivashankar layout, Varaha layout, Bindu layout and Surrounding areas in Ward No-05

Measurement Sheet

Second and Final Bill

Item No: **12**

Item Name: KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. with all lead and lift and as per direction of

Premeasurement recorded on:

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	Palanahalli 25th cross road									
	0.00	30.00	1	30.00	14.45	8.00	11.23	0.225	75.77	
	30.00	50.00	1	20.00	8.00	9.60	8.80	0.225	39.60	
	50.00	80.00	1	30.00	9.60	8.80	9.20	0.225	62.10	
	80.00	110.00	1	30.00	8.80	8.80	8.80	0.225	59.40	
	110.00	122.50	1	12.50	8.80	10.60	9.70	0.225	27.28	
	122.50	152.50	1	30.00	10.60	12.20	11.40	0.225	76.95	
	152.50	159.10	1	6.60	12.20	12.40	12.30	0.225	18.27	
	159.10	165.80	1	6.70	12.40	11.30	11.85	0.225	17.86	
	165.80	174.50	1	8.70	11.30	12.60	11.95	0.225	23.39	
	174.50	190.90	1	16.40	12.60	9.00	10.80	0.225	39.85	
	190.90	199.30	1	8.40	9.00	11.00	10.00	0.225	18.90	
	199.30	229.30	1	30.00	11.00	8.30	9.65	0.225	65.14	
	229.30	247.30	1	18.00	8.30	9.20	8.75	0.225	35.44	
	247.30	277.30	1	30.00	9.20	6.30	7.75	0.225	52.31	
	277.30	307.30	1	30.00	6.30	8.30	7.30	0.225	49.28	
	307.30	337.30	1	30.00	8.30	8.60	8.45	0.225	57.04	
	337.30	367.30	1	30.00	8.60	8.20	8.40	0.225	56.70	
	367.30	397.30	1	30.00	8.20	8.00	8.10	0.225	54.68	
	397.30	427.30	1	30.00	8.00	8.40	8.20	0.225	55.35	
	427.30	457.30	1	30.00	8.40	8.20	8.30	0.225	56.03	
	457.30	487.30	1	30.00	8.20	8.00	8.10	0.225	54.68	
	487.30	517.30	1	30.00	8.00	8.00	8.00	0.225	54.00	
	517.30	536.30	1	19.00	8.00	8.20	8.10	0.225	34.63	
	Bhagath enclave 2nd cross									
	0.00	30.00	1	30.00	7.00	6.60	6.80	0.250	51.00	
	30.00	60.00	1	30.00	6.60	6.40	6.50	0.250	48.75	
	60.00	89.00	1	29.00	6.40	6.30	6.35	0.250	46.04	
	Cross Road A									
	0.00	30.00	1	30.00	6.60	6.50	6.55	0.225	44.21	
	30.00	60.00	1	30.00	6.50	6.00	6.25	0.225	42.19	
	60.00	90.00	1	30.00	6.00	6.00	6.00	0.225	40.50	
	90.00	120.00	1	30.00	6.00	6.00	6.00	0.225	40.50	
	120.00	150.00	1	30.00	6.30	6.30	6.30	0.225	42.53	

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SLNO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	150.00	180.00	1	30.00	6.30	6.30	6.30	0.225	42.53	
	180.00	200.00	1	20.00	6.30	6.70	6.50	0.225	29.25	
	Cross Road B									
	0.00	30.00	1	30.00	6.60	6.50	6.55	0.225	44.21	
	30.00	60.00	1	30.00	6.50	6.00	6.25	0.225	42.19	
	60.00	90.00	1	30.00	6.00	6.00	6.00	0.225	40.50	
	90.00	120.00	1	30.00	6.00	6.00	6.00	0.225	40.50	
	120.00	150.00	1	30.00	6.30	6.30	6.30	0.225	42.53	
	150.00	180.00	1	30.00	6.30	6.30	6.30	0.225	42.53	
	180.00	200.00	1	20.00	6.30	6.70	6.50	0.225	29.25	
	Shivashankar layout 3rd main									
	0.00	30.00	1	30.00	3.00	3.10	3.05	0.225	20.59	
	30.00	60.00	1	30.00	3.10	3.00	3.05	0.225	20.59	
	60.00	90.00	1	30.00	3.00	3.00	3.00	0.225	20.25	
	90.00	120.00	1	30.00	3.00	3.00	3.00	0.225	20.25	
	120.00	150.00	1	30.00	3.00	3.10	3.05	0.225	20.59	
	150.00	171.40	1	21.40	3.10	3.00	3.05	0.225	14.69	
	Shivashankar layout 2nd main									
	0.00	30.00	1	30.00	7.00	7.25	7.13	0.225	48.09	
	30.00	60.00	1	30.00	7.25	6.80	7.03	0.225	47.42	
	60.00	90.00	1	30.00	6.80	7.20	7.00	0.225	47.25	
	90.00	120.00	1	30.00	7.20	7.30	7.25	0.225	48.94	
	120.00	150.00	1	30.00	7.30	7.10	7.20	0.225	48.60	
	150.00	171.60	1	21.60	7.10	6.60	6.85	0.225	33.29	
	Shivashankar layout cross road									
	0.00	30.00	1	30.00	5.70	5.50	5.60	0.225	37.80	
	30.00	33.00	1	3.00	5.50	5.50	5.50	0.225	3.71	
	Shivashankar layout 4th main									
	0.00	30.00	1	30.00	3.00	3.10	3.05	0.225	20.59	
	30.00	60.00	1	30.00	3.10	3.10	3.10	0.225	20.93	
	60.00	90.00	1	30.00	3.10	3.00	3.05	0.225	20.59	
	90.00	120.00	1	30.00	3.00	3.00	3.00	0.225	20.25	
	120.00	150.00	1	30.00	3.10	3.00	3.05	0.225	20.59	
	150.00	170.00	1	20.00	3.00	3.00	3.00	0.225	13.50	
								Total Qty Work Done	2342.30	Cum
								Qty Payable in this bill	2342.30	Cum
								Qty Paid in 1st Bill	4859.82	Cum
								Total Qty	7202.12	Cum
								Qty Payable in 2nd Bill	2342.30	Cum

Contractor Representative

Consultant Representative

NEWLEN CONSULTANT BANGALORE

Asst.Engineer

Asst.Executive Engineer

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SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	150.00	180.00	1	30.00	6.30	6.30	6.30	0.225	42.53	
	180.00	200.00	1	20.00	6.30	6.70	6.50	0.225	29.25	
	Cross Road B									
	0.00	30.00	1	30.00	6.60	6.50	6.55	0.225	44.21	
	30.00	60.00	1	30.00	6.50	6.00	6.25	0.225	42.19	
	60.00	90.00	1	30.00	6.00	6.00	6.00	0.225	40.50	
	90.00	120.00	1	30.00	6.00	6.00	6.00	0.225	40.50	
	120.00	150.00	1	30.00	6.30	6.30	6.30	0.225	42.53	
	150.00	180.00	1	30.00	6.30	6.30	6.30	0.225	42.53	
	180.00	200.00	1	20.00	6.30	6.70	6.50	0.225	29.25	
	Shivashankar layout 3rd main									
	0.00	30.00	1	30.00	3.00	3.10	3.05	0.225	20.59	
	30.00	60.00	1	30.00	3.10	3.00	3.05	0.225	20.59	
	60.00	90.00	1	30.00	3.00	3.00	3.00	0.225	20.25	
	90.00	120.00	1	30.00	3.00	3.00	3.00	0.225	20.25	
	120.00	150.00	1	30.00	3.00	3.10	3.05	0.225	20.59	
	150.00	171.40	1	21.40	3.10	3.00	3.05	0.225	14.69	
	Shivashankar layout 2nd main									
	0.00	30.00	1	30.00	7.00	7.25	7.13	0.225	48.09	
	30.00	60.00	1	30.00	7.25	6.80	7.03	0.225	47.42	
	60.00	90.00	1	30.00	6.80	7.20	7.00	0.225	47.25	
	90.00	120.00	1	30.00	7.20	7.30	7.25	0.225	48.94	
	120.00	150.00	1	30.00	7.30	7.10	7.20	0.225	48.60	
	150.00	171.60	1	21.60	7.10	6.60	6.85	0.225	33.29	
	Shivashankar layout cross road									
	0.00	30.00	1	30.00	5.70	5.50	5.60	0.225	37.80	
	30.00	33.00	1	3.00	5.50	5.50	5.50	0.225	3.71	
	Shivashankar layout 4th main									
	0.00	30.00	1	30.00	3.00	3.10	3.05	0.225	20.59	
	30.00	60.00	1	30.00	3.10	3.10	3.10	0.225	20.93	
	60.00	90.00	1	30.00	3.10	3.00	3.05	0.225	20.59	
	90.00	120.00	1	30.00	3.00	3.00	3.00	0.225	20.25	
	120.00	150.00	1	30.00	3.10	3.00	3.05	0.225	20.59	
	150.00	170.00	1	20.00	3.00	3.00	3.00	0.225	13.50	
								Total Qty Work Done	**2342.30**	**Cum**
								Qty Payable in this bill	**2342.30**	**Cum**
								Qty Paid in 1st Bill	**4859.82**	**Cum**
								Total Qty	**7202.12**	**Cum**
								Qty Payable in 2nd Bill	**2342.30**	**Cum**

Contractor Representative

Asst.Engineer

Consultant Representative

NEWLEN CONSULTANT BANGALORE

Asst.Executive Engineer

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:Improvements to Roads and drains works at Kattigenahalli Main and Cross, Sirinagara, Niranthara layout, SriKrishna Garden, Shivashankar layout, Varaha layout, Bindu layout and Surrounding areas in Ward No-05

Measurement Sheet

Second and Final Bill

Item No: **13**

Item Name: KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and sparying primer at the rte of 0.60 kg /sqm using mechanical means complete as per specifications with all lead and lift and as per the direction of Engineer in-charge

Premeasurement recorded on:

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	Palanahalli 25th cross road									
	0.00	30.00	1	30.00	7.50	7.50	7.50		225.00	
	30.00	50.00	1	20.00	7.50	7.50	7.50		150.00	
	50.00	80.00	1	30.00	7.50	7.50	7.50		225.00	
	80.00	110.00	1	30.00	7.50	7.50	7.50		225.00	
	110.00	122.50	1	12.50	7.50	7.50	7.50		93.75	
	122.50	152.50	1	30.00	7.50	7.50	7.50		225.00	
	152.50	159.10	1	6.60	7.50	7.50	7.50		49.50	
	159.10	165.80	1	6.70	7.50	7.50	7.50		50.25	
	165.80	174.50	1	8.70	7.50	7.50	7.50		65.25	
	174.50	190.90	1	16.40	7.50	7.50	7.50		123.00	
	190.90	199.30	1	8.40	7.50	7.50	7.50		63.00	
	199.30	229.30	1	30.00	7.50	7.50	7.50		225.00	
	229.30	247.30	1	18.00	7.50	7.50	7.50		135.00	
	247.30	277.30	1	30.00	7.50	7.50	7.50		225.00	
	277.30	307.30	1	30.00	7.50	7.50	7.50		225.00	
	307.30	337.30	1	30.00	7.50	7.50	7.50		225.00	
	337.30	367.30	1	30.00	7.50	7.50	7.50		225.00	
	367.30	397.30	1	30.00	7.50	7.50	7.50		225.00	
	397.30	427.30	1	30.00	7.50	7.50	7.50		225.00	
	427.30	457.30	1	30.00	7.50	7.50	7.50		225.00	
	457.30	487.30	1	30.00	7.50	7.50	7.50		225.00	
	487.30	517.30	1	30.00	7.50	7.50	7.50		225.00	
	517.30	536.30	1	19.00	7.50	7.50	7.50		142.50	
	Bhagath enclave 2nd cross									
	0.00	30.00	1	30.00	7.00	6.60	6.80		204.00	
	30.00	60.00	1	30.00	6.60	6.40	6.50		195.00	
	60.00	89.00	1	29.00	6.40	6.30	6.35		184.15	
	Bindu layout cross road 1									
	0.00	30.00	1	30.00	6.00	6.00	6.00		180.00	
	30.00	60.00	1	30.00	6.00	6.00	6.00		180.00	
	60.00	90.00	1	30.00	6.00	6.00	6.00		180.00	
	90.00	97.00	1	7.00	6.00	5.10	5.55		38.85	

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SLNO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	Bindu layout cross road 2									
	0.00	30.00	1	30.00	5.00	5.60	5.30		159.00	
	30.00	60.00	1	30.00	5.60	5.50	5.55		166.50	
	60.00	90.00	1	30.00	5.50	5.30	5.40		162.00	
	90.00	95.50	1	5.50	5.30	5.50	5.40		29.70	
	Bindu layout cross road 3									
	0.00	30.00	1	30.00	6.00	6.00	6.00		180.00	
	30.00	60.00	1	30.00	6.00	5.80	5.90		177.00	
	60.00	67.00	1	7.00	5.80	5.30	5.55		38.85	
	Bindu layout cross road A									
	0.00	30.00	1	30.00	4.50	4.50	4.50		135.00	
	30.00	60.00	1	30.00	4.50	4.50	4.50		135.00	
	60.00	90.00	1	30.00	4.50	4.50	4.50		135.00	
	90.00	104.00	1	14.00	4.50	4.50	4.50		63.00	
	Kattigenahalli main road towards 2nd main road									
	0.00	30.00	1	30.00	6.20	5.30	5.75		172.50	
	30.00	60.00	1	30.00	5.30	5.55	5.43		162.75	
	60.00	80.00	1	20.00	5.10	7.10	6.10		122.00	
	80.00	98.00	1	18.00	9.50	11.00	10.25		184.50	
	98.00	120.00	1	22.00	11.00	6.40	8.70		191.40	
	120.00	150.00	1	30.00	5.70	5.30	5.50		165.00	
	150.00	180.00	1	30.00	5.30	7.50	6.40		192.00	
	180.00	210.00	1	30.00	7.70	5.50	6.60		198.00	
	210.00	240.00	1	30.00	5.50	8.80	7.15		214.50	
	240.00	250.00	1	10.00	8.80	7.20	8.00		80.00	
	250.00	280.00	1	30.00	7.20	6.60	6.90		207.00	
	280.00	310.00	1	30.00	6.60	6.00	6.30		189.00	
	310.00	330.00	1	20.00	6.00	8.20	7.10		142.00	
	330.00	336.00	1	6.00	8.20	10.00	9.10		54.60	
	Kattigenahalli 2nd main road									
	0.00	30.00	1	30.00	5.20	4.40	4.80		144.00	
	30.00	60.00	1	30.00	4.40	4.40	4.40		132.00	
	60.00	90.00	1	30.00	4.40	4.50	4.45		133.50	
	90.00	120.00	1	30.00	4.50	4.70	4.60		138.00	
	120.00	134.00	1	14.00	4.70	5.80	5.25		73.50	
	134.00	164.00	1	30.00	5.80	6.70	6.25		187.50	
	164.00	194.00	1	30.00	6.70	6.60	6.65		199.50	
	194.00	224.00	1	30.00	6.60	6.30	6.45		193.50	
	224.00	254.00	1	30.00	6.30	6.40	6.35		190.50	
	254.00	284.00	1	30.00	6.40	6.00	6.20		186.00	
	284.00	314.00	1	30.00	6.00	7.00	6.50		195.00	
	314.00	344.00	1	30.00	7.00	6.50	6.75		202.50	
	344.00	374.00	1	30.00	6.50	6.50	6.50		195.00	
	374.00	404.00	1	30.00	6.50	7.00	6.75		202.50	
	404.00	409.40	1	5.40	7.00	7.50	7.25		39.15	

6068.45

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SLNO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	Kattigenahalli Cross road 1									
	0.00	30.00	1	30.00	4.00	3.90	3.95		118.50	
	30.00	60.00	1	30.00	3.90	4.30	4.10		123.00	
	60.00	90.00	1	30.00	4.30	4.50	4.40		132.00	
	90.00	120.00	1	30.00	4.50	4.20	4.35		130.50	
	120.00	124.40	1	4.40	4.20	4.20	4.20		18.48	
	Kattigenahalli Cross road 2									
	0.00	30.00	1	30.00	4.40	4.60	4.50		135.00	
	30.00	60.00	1	30.00	4.60	4.30	4.45		133.50	
	60.00	90.00	1	30.00	4.30	5.30	4.80		144.00	
	90.00	106.00	1	16.00	5.30	3.10	4.20		67.20	
	106.00	112.00	1	6.00	3.10	2.90	3.00		18.00	
	112.00	123.00	1	11.00	2.90	4.40	3.65		40.15	
	ALFA School road									
	0.00	30.00	1	30.00	6.30	3.70	5.00		150.00	
	30.00	30.60	1	0.60	3.70	3.70	3.70		2.22	
	30.60	32.00	1	1.40						culvert width
	32.00	62.00	1	30.00	3.70	5.00	4.35		130.50	
	62.00	83.00	1	21.00	5.00	5.80	5.40		113.40	
	83.00	113.00	1	30.00	5.80	5.80	5.80		174.00	
	113.00	143.00	1	30.00	5.80	5.70	5.75		172.50	
	143.00	164.00	1	21.00	5.70	4.50	5.10		107.10	
	ALFA School cross road 1									
	0.00	13.00	1	13.00	5.80	5.80	5.80		75.40	
	ALFA School cross road 2									
	0.00	30.00	1	30.00	5.70	5.70	5.70		171.00	
	30.00	35.00	1	5.00	5.70	7.30	6.50		32.50	
	Kattigenahalli TO Palanahalli Road									
	0.00	30.00	1	30.00	3.20	2.80	3.00		90.00	
	30.00	60.00	1	30.00	2.80	3.10	2.95		88.50	
	60.00	90.00	1	30.00	3.10	3.40	3.25		97.50	
	90.00	120.00	1	30.00	3.40	3.00	3.20		96.00	
	120.00	150.00	1	30.00	3.00	3.30	3.15		94.50	
	150.00	180.00	1	30.00	3.30	3.20	3.25		97.50	
	180.00	210.00	1	30.00	3.20	2.80	3.00		90.00	
	210.00	240.00	1	30.00	2.80	2.90	2.85		85.50	
	240.00	270.00	1	30.00	2.90	2.50	2.70		81.00	
	270.00	300.00	1	30.00	2.50	2.60	2.55		76.50	
	300.00	330.00	1	30.00	2.60	2.80	2.70		81.00	
	330.00	360.00	1	30.00	2.80	3.20	3.00		90.00	
	360.00	390.00	1	30.00	3.20	3.30	3.25		97.50	
	390.00	420.00	1	30.00	3.30	2.90	3.10		93.00	
	420.00	450.00	1	30.00	2.90	2.90	2.90		87.00	
	450.00	480.00	1	30.00	2.90	3.20	3.05		91.50	
	480.00	510.00	1	30.00	3.20	2.50	2.85		85.50	

37 11.45

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SLNO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	510.00	540.00	1	30.00	2.50	3.00	2.75		82.50	
	540.00	570.00	1	30.00	3.00	3.00	3.00		90.00	
	570.00	600.00	1	30.00	3.00	3.40	3.20		96.00	
	600.00	630.00	1	30.00	3.40	3.10	3.25		97.50	
	630.00	660.00	1	30.00	3.10	3.10	3.10		93.00	
	660.00	690.00	1	30.00	3.10	2.80	2.95		88.50	
	690.00	720.00	1	30.00	2.80	2.70	2.75		82.50	
	720.00	750.00	1	30.00	2.70	3.20	2.95		88.50	
	750.00	780.00	1	30.00	3.20	3.10	3.15		94.50	
	780.00	810.00	1	30.00	3.10	2.90	3.00		90.00	
	810.00	840.00	1	30.00	2.90	2.80	2.85		85.50	
	840.00	870.00	1	30.00	2.80	2.50	2.65		79.50	
	870.00	900.00	1	30.00	2.50	2.80	2.65		79.50	
	900.00	930.00	1	30.00	2.80	2.90	2.85		85.50	
	930.00	960.00	1	30.00	2.90	2.70	2.80		84.00	
	960.00	990.00	1	30.00	2.70	3.30	3.00		90.00	
	990.00	1020.00	1	30.00	3.30	3.20	3.25		97.50	
	1020.00	1050.00	1	30.00	3.20	3.10	3.15		94.50	
	1050.00	1080.00	1	30.00	3.10	3.00	3.05		91.50	
	1080.00	1110.00	1	30.00	3.00	3.00	3.00		90.00	
	1110.00	1140.00	1	30.00	3.00	3.20	3.10		93.00	
	1140.00	1170.00	1	30.00	3.20	3.40	3.30		99.00	
	1170.00	1200.00	1	30.00	3.40	3.40	3.40		102.00	
	1200.00	1230.00	1	30.00	3.40	3.00	3.20		96.00	
	1230.00	1250.00	1	20.00	3.00	3.00	3.00		60.00	
	1250.00	1280.00	1	30.00	3.00	3.00	3.00		90.00	
	1280.00	1300.00	1	20.00	3.00	3.00	3.00		60.00	2380.50
	For Profiel Correction									
	Kattigenahalli TO Palanahalli Road									
	0.00	30.00	1	30.00	3.20	2.80	3.00		90.00	
	30.00	60.00	1	30.00	2.80	3.10	2.95		88.50	
	60.00	90.00	1	30.00	3.10	3.40	3.25		97.50	
	90.00	120.00	1	30.00	3.40	3.00	3.20		96.00	
	120.00	150.00	1	30.00	3.00	3.30	3.15		94.50	
	150.00	180.00	1	30.00	3.30	3.20	3.25		97.50	
	180.00	210.00	1	30.00	3.20	2.80	3.00		90.00	
	210.00	240.00	1	30.00	2.80	2.90	2.85		85.50	
	240.00	270.00	1	30.00	2.90	2.50	2.70		81.00	
	270.00	300.00	1	30.00	2.50	2.60	2.55		76.50	
	300.00	330.00	1	30.00	2.60	2.80	2.70		81.00	
	330.00	360.00	1	30.00	2.80	3.20	3.00		90.00	
	360.00	390.00	1	30.00	3.20	3.30	3.25		97.50	
	390.00	420.00	1	30.00	3.30	2.90	3.10		93.00	
	420.00	450.00	1	30.00	2.90	2.90	2.90		87.00	
	450.00	480.00	1	30.00	2.90	3.20	3.05		91.50	

1437

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				(m)	(m)	(m)	(m)			
	480.00	510.00	1	30.00	3.20	2.50	2.85		85.50	
	510.00	540.00	1	30.00	2.50	3.00	2.75		82.50	
	540.00	570.00	1	30.00	3.00	3.00	3.00		90.00	
	570.00	600.00	1	30.00	3.00	3.40	3.20		96.00	
	600.00	630.00	1	30.00	3.40	3.10	3.25		97.50	
	630.00	660.00	1	30.00	3.10	3.10	3.10		93.00	
	660.00	690.00	1	30.00	3.10	2.80	2.95		88.50	
	690.00	720.00	1	30.00	2.80	2.70	2.75		82.50	
	720.00	750.00	1	30.00	2.70	3.20	2.95		88.50	
	750.00	780.00	1	30.00	3.20	3.10	3.15		94.50	
	780.00	810.00	1	30.00	3.10	2.90	3.00		90.00	
	810.00	840.00	1	30.00	2.90	2.80	2.85		85.50	
	840.00	870.00	1	30.00	2.80	2.50	2.65		79.50	
	870.00	900.00	1	30.00	2.50	2.80	2.65		79.50	
	900.00	930.00	1	30.00	2.80	2.90	2.85	CJFC	85.50	
	930.00	960.00	1	30.00	2.90	2.70	2.80		84.00	
	960.00	990.00	1	30.00	2.70	3.30	3.00		90.00	11/6/24
	990.00	1020.00	1	30.00	3.30	3.20	3.25	2052	97.50	
	1020.00	1050.00	1	30.00	3.20	3.10	3.15	11/6/24	94.50	
	1050.00	1080.00	1	30.00	3.10	3.00	3.05		91.50	
	1080.00	1110.00	1	30.00	3.00	3.00	3.00		90.00	
	1110.00	1140.00	1	30.00	3.00	3.20	3.10		93.00	
	1140.00	1170.00	1	30.00	3.20	3.40	3.30		99.00	
	1170.00	1200.00	1	30.00	3.40	3.40	3.40		102.00	
	1200.00	1230.00	1	30.00	3.40	3.00	3.20		96.00	
	1230.00	1250.00	1	20.00	3.00	3.00	3.00		60.00	
	1250.00	1280.00	1	30.00	3.00	3.00	3.00		90.00	
	1280.00	1300.00	1	20.00	3.00	3.00	2.95		59.00	
	Cross Road A									
	0.00	30.00	1	30.00	6.60	6.50	6.55		196.50	
	30.00	60.00	1	30.00	6.50	6.00	6.25		187.50	
	60.00	90.00	1	30.00	6.00	6.00	6.00		180.00	
	90.00	120.00	1	30.00	6.00	6.00	6.00		180.00	
	120.00	150.00	1	30.00	6.30	6.30	6.30		189.00	
	150.00	180.00	1	30.00	6.30	6.30	6.30		189.00	
	180.00	200.00	1	20.00	6.30	6.70	6.50	CJFC	130.00	
	Cross Road B									
	0.00	30.00	1	30.00	6.60	6.50	6.55	2052	196.50	
	30.00	60.00	1	30.00	6.50	6.00	6.25		187.50	
	60.00	90.00	1	30.00	6.00	6.00	6.00	2/6/24	180.00	2/6/24
	90.00	120.00	1	30.00	6.00	6.00	6.00		180.00	
	120.00	150.00	1	30.00	6.30	6.30	6.30		189.00	
	150.00	180.00	1	30.00	6.30	6.30	6.30		189.00	
	180.00	200.00	1	20.00	6.30	6.70	6.50		130.00	
	Shivashankar layout 3rd main									

4969.00.

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SLNO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	0.00	30.00	1	30.00	3.00	3.10	3.05		91.50	
	30.00	60.00	1	30.00	3.10	3.00	3.05		91.50	
	60.00	90.00	1	30.00	3.00	3.00	3.00		90.00	
	90.00	120.00	1	30.00	3.00	3.00	3.00		90.00	
	120.00	150.00	1	30.00	3.00	3.10	3.05		91.50	
	150.00	171.40	1	21.40	3.10	3.00	3.05		65.27	
	Shivashankar layout 2nd main									
	0.00	30.00	1	30.00	7.00	7.25	7.13		213.75	
	30.00	60.00	1	30.00	7.25	6.80	7.03		210.75	
	60.00	90.00	1	30.00	6.80	7.20	7.00		210.00	
	90.00	120.00	1	30.00	7.20	7.30	7.25		217.50	
	120.00	150.00	1	30.00	7.30	7.10	7.20		216.00	
	150.00	171.60	1	21.60	7.10	6.60	6.85		147.96	
	Shivashankar layout cross road									
	0.00	30.00	1	30.00	5.70	5.50	5.60		168.00	
	30.00	33.00	1	3.00	5.50	5.50	5.50		16.50	
	Shivashankar layout 4th main									
	0.00	30.00	1	30.00	3.00	3.10	3.05		91.50	
	30.00	60.00	1	30.00	3.10	3.10	3.10		93.00	
	60.00	90.00	1	30.00	3.10	3.00	3.05		91.50	
	90.00	120.00	1	30.00	3.00	3.00	3.00		90.00	
	120.00	150.00	1	30.00	3.10	3.00	3.05		91.50	
	150.00	170.00	1	20.00	3.00	3.00	3.00		60.00	
								Total Qty Work Done	**26188.38**	**Sqm**
								Qty Payable in this bill	**26188.38**	**Sqm**
								Qty Paid in 1st Bill	**8882.19**	**Sqm**
								Total Qty	**35070.57**	**Sqm**
								Qty Payable in 2nd Bill	**26188.38**	**Sqm**

Contractor Representative

NEW LEM CONSULTANT BANGALORE

Consultant Representative

Asst.Engineer

Asst.Executive Engineer

Scanned by CamScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:Improvements to Roads and drains works at Kattigenahalli Main and Cross, Sirinagara, Niranthara layout, SriKrishna Garden, Shivashankar layout, Varaha layout, Bindu layout and Surrounding areas in Ward No-05

Measurement Sheet

Second and Final Bill

Item No:	14
Item Name:	KSRRB 500-2 : Cleaning the existing black topped surfce with brooms, soft brushes and finally dusting with old gunny bags and /or compressed air to receive bituminous treatment including cost of material, labour, HOM curing, complete as per specificatioons.(P.No158.1, I.No-21.12,KPWD SR2018-19)

Premeasurement recorded on:

SL NO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	Palanahalli 25th cross road									
	0.00	30.00	1	30.00	7.50	7.50	7.50		225.00	
	30.00	50.00	1	20.00	7.50	7.50	7.50		150.00	
	50.00	80.00	1	30.00	7.50	7.50	7.50		225.00	
	80.00	110.00	1	30.00	7.50	7.50	7.50		225.00	
	110.00	122.50	1	12.50	7.50	7.50	7.50		93.75	
	122.50	152.50	1	30.00	7.50	7.50	7.50		225.00	
	152.50	159.10	1	6.60	7.50	7.50	7.50		49.50	
	159.10	165.80	1	6.70	7.50	7.50	7.50		50.25	
	165.80	174.50	1	8.70	7.50	7.50	7.50		65.25	
	174.50	190.90	1	16.40	7.50	7.50	7.50		123.00	
	190.90	199.30	1	8.40	7.50	7.50	7.50	C/F	63.00	
	199.30	229.30	1	30.00	7.50	7.50	7.50		225.00	
	229.30	247.30	1	18.00	7.50	7.50	7.50		135.00	
	247.30	277.30	1	30.00	7.50	7.50	7.50		225.00	
	277.30	307.30	1	30.00	7.50	7.50	7.50		225.00	
	307.30	337.30	1	30.00	7.50	7.50	7.50		225.00	
	337.30	367.30	1	30.00	7.50	7.50	7.50		225.00	
	367.30	397.30	1	30.00	7.50	7.50	7.50		225.00	
	397.30	427.30	1	30.00	7.50	7.50	7.50		225.00	
	427.30	457.30	1	30.00	7.50	7.50	7.50		225.00	
	457.30	487.30	1	30.00	7.50	7.50	7.50		225.00	
	487.30	517.30	1	30.00	7.50	7.50	7.50		225.00	
	517.30	536.30	1	19.00	7.50	7.50	7.50	C/F	142.50	
	Bhagath enclave 2nd cross									
	0.00	30.00	1	30.00	7.00	6.60	6.80		204.00	
	30.00	60.00	1	30.00	6.60	6.40	6.50		195.00	
	60.00	89.00	1	29.00	6.40	6.30	6.35		184.15	
	Bindu layout cross road 1									
	0.00	30.00	1	30.00	6.00	6.00	6.00		180.00	

4785.40

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SL NO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	30.00	60.00	1	30.00	6.00	6.00	6.00		180.00	
	60.00	90.00	1	30.00	6.00	6.00	6.00		180.00	
	90.00	97.00	1	7.00	6.00	5.10	5.55		38.85	
	Bindu layout cross road 2									
	0.00	30.00	1	30.00	5.00	5.60	5.30		159.00	
	30.00	60.00	1	30.00	5.60	5.50	5.55		166.50	
	60.00	90.00	1	30.00	5.50	5.30	5.40		162.00	
	90.00	95.50	1	5.50	5.30	5.50	5.40		29.70	
	Bindu layout cross road 3									
	0.00	30.00	1	30.00	6.00	6.00	6.00		180.00	
	30.00	60.00	1	30.00	6.00	5.80	5.90		177.00	
	60.00	67.00	1	7.00	5.80	5.30	5.55		38.85	
	Bindu layout cross road A									
	0.00	30.00	1	30.00	4.50	4.50	4.50		135.00	
	30.00	60.00	1	30.00	4.50	4.50	4.50		135.00	
	60.00	90.00	1	30.00	4.50	4.50	4.50		135.00	
	90.00	104.00	1	14.00	4.50	4.50	4.50		63.00	
	Kattigenahalli main road towards 2nd main road									
	0.00	30.00	1	30.00	6.20	5.30	5.75		172.50	
	30.00	60.00	1	30.00	5.30	5.55	5.43		162.75	
	60.00	80.00	1	20.00	5.10	7.10	6.10		122.00	
	80.00	98.00	1	18.00	9.50	11.00	10.25		184.50	
	98.00	120.00	1	22.00	11.00	6.40	8.70		191.40	
	120.00	150.00	1	30.00	5.70	5.30	5.50		165.00	
	150.00	180.00	1	30.00	5.30	7.50	6.40		192.00	
	180.00	210.00	1	30.00	7.70	5.50	6.60		198.00	
	210.00	240.00	1	30.00	5.50	8.80	7.15		214.50	
	240.00	250.00	1	10.00	8.80	7.20	8.00		80.00	
	250.00	280.00	1	30.00	7.20	6.60	6.90		207.00	
	280.00	310.00	1	30.00	6.60	6.00	6.30		189.00	
	310.00	330.00	1	20.00	6.00	8.20	7.10		142.00	
	330.00	336.00	1	6.00	8.20	10.00	9.10		54.60	
	Kattigenahalli 2nd main road									
	0.00	30.00	1	30.00	5.20	4.40	4.80		144.00	
	30.00	60.00	1	30.00	4.40	4.40	4.40		132.00	
	60.00	90.00	1	30.00	4.40	4.50	4.45		133.50	
	90.00	120.00	1	30.00	4.50	4.70	4.60		138.00	
	120.00	134.00	1	14.00	4.70	5.80	5.25		73.50	
	134.00	164.00	1	30.00	5.80	6.70	6.25		187.50	
	164.00	194.00	1	30.00	6.70	6.60	6.65		199.50	
	194.00	224.00	1	30.00	6.60	6.30	6.45		193.50	
	224.00	254.00	1	30.00	6.30	6.40	6.35		190.50	
	254.00	284.00	1	30.00	6.40	6.00	6.20		186.00	
	284.00	314.00	1	30.00	6.00	7.00	6.50		195.00	
	314.00	344.00	1	30.00	7.00	6.50	6.75		202.50	

6030.65

Scanned by CamScanner

SL NO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	344.00	374.00	1	30.00	6.50	6.50	6.50		195.00	
	374.00	404.00	1	30.00	6.50	7.00	6.75		202.50	
	404.00	409.40	1	5.40	7.00	7.50	7.25		39.15	
	Kattigenahalli Cross road 1									
	0.00	30.00	1	30.00	4.00	3.90	3.95		118.50	
	30.00	60.00	1	30.00	3.90	4.30	4.10		123.00	
	60.00	90.00	1	30.00	4.30	4.50	4.40		132.00	
	90.00	120.00	1	30.00	4.50	4.20	4.35		130.50	
	120.00	124.40	1	4.40	4.20	4.20	4.20		18.48	
	Kattigenahalli Cross road 2									
	0.00	30.00	1	30.00	4.40	4.60	4.50		135.00	
	30.00	60.00	1	30.00	4.60	4.30	4.45		133.50	
	60.00	90.00	1	30.00	4.30	5.30	4.80		144.00	
	90.00	106.00	1	16.00	5.30	3.10	4.20		67.20	
	106.00	112.00	1	6.00	3.10	2.90	3.00		18.00	
	112.00	123.00	1	11.00	2.90	4.40	3.65		40.15	
	ALFA School road								0.00	
	0.00	30.00	1	30.00	6.30	3.70	5.00		150.00	
	30.00	30.60	1	0.60	3.70	3.70	3.70		2.22	
	30.60	32.00	1	1.40						culvert width
	32.00	62.00	1	30.00	3.70	5.00	4.35		130.50	
	62.00	83.00	1	21.00	5.00	5.80	5.40		113.40	
	83.00	113.00	1	30.00	5.80	5.80	5.80		174.00	
	113.00	143.00	1	30.00	5.80	5.70	5.75		172.50	
	143.00	164.00	1	21.00	5.70	4.50	5.10		107.10	
	ALFA School cross road 1									
	0.00	13.00	1	13.00	5.80	5.80	5.80		75.40	
	ALFA School cross road 2									
	0.00	30.00	1	30.00	5.70	5.70	5.70		171.00	
	30.00	35.00	1	5.00	5.70	7.30	6.50		32.50	
	Kattigenahalli TO Palanahalli Road									
	0.00	30.00	1	30.00	9.20	9.00	9.10		273.00	
	30.00	60.00	1	30.00	9.00	8.90	8.95		268.50	
	60.00	90.00	1	30.00	8.90	7.90	8.40		252.00	
	90.00	120.00	1	30.00	7.90	10.00	8.95		268.50	
	120.00	150.00	1	30.00	10.00	11.50	10.75		322.50	
	150.00	180.00	1	30.00	11.50	8.70	10.10		303.00	
	180.00	210.00	1	30.00	8.70	9.60	9.15		274.50	
	210.00	240.00	1	30.00	9.60	9.60	9.60		288.00	
	240.00	270.00	1	30.00	9.60	8.30	8.95		268.50	
	270.00	300.00	1	30.00	8.30	8.70	8.50		255.00	
	300.00	330.00	1	30.00	8.70	7.80	8.25		247.50	
	330.00	360.00	1	30.00	7.80	7.80	7.80		234.00	
	360.00	390.00	1	30.00	7.80	9.60	8.70		261.00	

6141.60

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SL NO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	390.00	420.00	1	30.00	9.60	9.30	9.45		283.50	
	420.00	450.00	1	30.00	9.30	8.60	8.95		268.50	
	450.00	480.00	1	30.00	8.60	10.30	9.45		283.50	
	480.00	510.00	1	30.00	10.30	8.70	9.50		285.00	
	510.00	540.00	1	30.00	8.70	9.70	9.20		276.00	
	540.00	570.00	1	30.00	9.70	10.70	10.20		306.00	
	570.00	600.00	1	30.00	10.70	10.00	10.35		310.50	
	600.00	630.00	1	30.00	10.00	13.00	11.50		345.00	
	630.00	660.00	1	30.00	13.00	9.50	11.25		337.50	
	660.00	690.00	1	30.00	9.50	8.50	9.00		270.00	
	690.00	720.00	1	30.00	8.50	13.20	10.85		325.50	
	720.00	750.00	1	30.00	13.20	9.20	11.20		336.00	
	750.00	780.00	1	30.00	9.20	7.60	8.40		252.00	
	780.00	810.00	1	30.00	7.60	7.50	7.55		226.50	
	810.00	840.00	1	30.00	7.50	9.50	8.50		255.00	
	840.00	870.00	1	30.00	9.50	8.40	8.95		268.50	
	870.00	900.00	1	30.00	8.40	8.00	8.20		246.00	
	900.00	930.00	1	30.00	8.00	7.70	7.85		235.50	
	930.00	960.00	1	30.00	7.70	8.30	8.00		240.00	
	960.00	990.00	1	30.00	8.30	7.50	7.90		237.00	
	990.00	1020.00	1	30.00	7.50	7.00	7.25		217.50	
	1020.00	1050.00	1	30.00	7.00	8.20	7.60		228.00	
	1050.00	1080.00	1	30.00	8.20	10.80	9.50		285.00	
	1080.00	1110.00	1	30.00	10.80	7.70	9.25		277.50	
	1110.00	1140.00	1	30.00	7.70	8.40	8.05		241.50	
	1140.00	1170.00	1	30.00	8.40	7.10	7.75		232.50	
	1170.00	1200.00	1	30.00	7.10	7.40	7.25		217.50	
	1200.00	1230.00	1	30.00	7.40	7.10	7.25		217.50	
	1230.00	1250.00	1	20.00	7.10	6.80	6.95		139.00	
	1250.00	1280.00	1	30.00	6.80	12.50	9.65		289.50	
	1280.00	1300.00	1	20.00	12.50	9.60	11.05		221.00	
	Cross Road A									
	0.00	30.00	1	30.00	6.60	6.50	6.55		196.50	
	30.00	60.00	1	30.00	6.50	6.00	6.25		187.50	
	60.00	90.00	1	30.00	6.00	6.00	6.00		180.00	
	90.00	120.00	1	30.00	6.00	6.00	6.00		180.00	
	120.00	150.00	1	30.00	6.30	6.30	6.30		189.00	
	150.00	180.00	1	30.00	6.30	6.30	6.30		189.00	
	180.00	200.00	1	20.00	6.30	6.70	6.50		130.00	
	Cross Road B									
	0.00	30.00	1	30.00	6.60	6.50	6.55		196.50	
	30.00	60.00	1	30.00	6.50	6.00	6.25		187.50	
	60.00	90.00	1	30.00	6.00	6.00	6.00		180.00	
	90.00	120.00	1	30.00	6.00	6.00	6.00		180.00	
	120.00	150.00	1	30.00	6.30	6.30	6.30		189.00	

10339

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SL NO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	150.00	180.00	1	30.00	6.30	6.30	6.30		189.00	
	180.00	200.00	1	20.00	6.30	6.70	6.50		130.00	
	Shivashankar layout 3rd main									
	0.00	30.00	1	30.00	5.00	6.70	5.85		175.50	
	30.00	60.00	1	30.00	6.70	6.00	6.35		190.50	
	60.00	90.00	1	30.00	6.00	6.70	6.35		190.50	
	90.00	120.00	1	30.00	6.70	6.70	6.70		201.00	
	120.00	150.00	1	30.00	6.70	6.60	6.65		199.50	
	150.00	171.40	1	21.40	6.60	6.40	6.50		139.10	
	Shivashankar layout 2nd main									
	0.00	30.00	1	30.00	7.00	7.25	7.13		213.75	
	30.00	60.00	1	30.00	7.25	6.80	7.03		210.75	
	60.00	90.00	1	30.00	6.80	7.20	7.00		210.00	
	90.00	120.00	1	30.00	7.20	7.30	7.25		217.50	
	120.00	150.00	1	30.00	7.30	7.10	7.20		216.00	
	150.00	171.60	1	21.60	7.10	6.60	6.85		147.96	
	Shivashankar layout cross road									
	0.00	30.00	1	30.00	5.70	5.50	5.60		168.00	
	30.00	33.00	1	3.00	5.50	5.50	5.50		16.50	
	Shivashankar layout 4th main									
	0.00	30.00	1	30.00	5.00	6.60	5.80		174.00	
	30.00	60.00	1	30.00	6.60	4.50	5.55		166.50	
	60.00	90.00	1	30.00	4.50	6.80	5.65		169.50	
	90.00	120.00	1	30.00	6.80	4.70	5.75		172.50	
	120.00	150.00	1	30.00	3.10	6.10	4.60		138.00	
	150.00	170.00	1	20.00	6.10	5.75	5.93		118.50	
									Total Qty Work Done	**31051.21**	**Sqm**
									Deducted prime coat area	**26188.38**	**Sqm**
									Qty Payable in this bill	**4862.83**	**Sqm**
									Qty Paid in 1st Bill	**0.00**	**Sqm**
									Total Qty	**4862.83**	**Sqm**
									Qty Payable in 2nd Bill	**4862.83**	**Sqm**

Contractor Representative

NEWZEN CONSULTANT BANGALORE

Consultant Representative

10/6/24

Asst Engineer

10/6/24

Asst Executive Engineer
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Scanned by CamScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Improvements to Roads and drains works at Kattigenahalli Main and Cross, Sirinagara, Niranthara layout, SriKrishna Garden, Shivashankar layout, Varaha layout, Bindu layout and Surrounding areas in Ward No-05

Measurement Sheet

Second and Final Bill

Item No: 15

Item Name: KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen (VG10) on the prepared black topped surfaces at 2.5 kg per 10sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of materials , labour, HOM complete as per specification with all lead and lift and as per the direction of Engineer in-charge.

Premeasurement recorded on:

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	Palanahalli 25th cross road									
	0.00	30.00	1	30.00	7.50	7.50	7.50		225.00	
	30.00	50.00	1	20.00	7.50	7.50	7.50		150.00	
	50.00	80.00	1	30.00	7.50	7.50	7.50		225.00	
	80.00	110.00	1	30.00	7.50	7.50	7.50		225.00	
	110.00	122.50	1	12.50	7.50	7.50	7.50		93.75	
	122.50	152.50	1	30.00	7.50	7.50	7.50		225.00	
	152.50	159.10	1	6.60	7.50	7.50	7.50		49.50	
	159.10	165.80	1	6.70	7.50	7.50	7.50		50.25	
	165.80	174.50	1	8.70	7.50	7.50	7.50	C&E	65.25	
	174.50	190.90	1	16.40	7.50	7.50	7.50		123.00	
	190.90	199.30	1	8.40	7.50	7.50	7.50	ROAD	63.00	
	199.30	229.30	1	30.00	7.50	7.50	7.50	18/5/24	225.00	
	229.30	247.30	1	18.00	7.50	7.50	7.50		135.00	
	247.30	277.30	1	30.00	7.50	7.50	7.50		225.00	
	277.30	307.30	1	30.00	7.50	7.50	7.50		225.00	
	307.30	337.30	1	30.00	7.50	7.50	7.50		225.00	
	337.30	367.30	1	30.00	7.50	7.50	7.50		225.00	
	367.30	397.30	1	30.00	7.50	7.50	7.50		225.00	
	397.30	427.30	1	30.00	7.50	7.50	7.50		225.00	
	427.30	457.30	1	30.00	7.50	7.50	7.50		225.00	
	457.30	487.30	1	30.00	7.50	7.50	7.50		225.00	
	487.30	517.30	1	30.00	7.50	7.50	7.50		225.00	
	517.30	536.30	1	19.00	7.50	7.50	7.50		142.50	
	Bhagath enclave 2nd cross							C&E		
	0.00	30.00	1	30.00	7.00	6.60	6.80	ROAD	204.00	
	30.00	60.00	1	30.00	6.60	6.40	6.50	18/5/24	195.00	
	60.00	89.00	1	29.00	6.40	6.30	6.35		184.15	
	Bindu layout cross road 1									
	0.00	30.00	1	30.00	6.00	6.00	6.00		180.00	
	30.00	60.00	1	30.00	6.00	6.00	6.00		180.00	
	60.00	90.00	1	30.00	6.00	6.00	6.00		180.00	
	90.00	97.00	1	7.00	6.00	5.10	5.55		38.85	

5184.25

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SLNO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	Bindu layout cross road 2									
	0.00	30.00	1	30.00	5.00	5.60	5.30		159.00	
	30.00	60.00	1	30.00	5.60	5.50	5.55		166.50	
	60.00	90.00	1	30.00	5.50	5.30	5.40		162.00	
	90.00	95.50	1	5.50	5.30	5.50	5.40		29.70	
	Bindu layout cross road 3									
	0.00	30.00	1	30.00	6.00	6.00	6.00		180.00	
	30.00	60.00	1	30.00	6.00	5.80	5.90		177.00	
	60.00	67.00	1	7.00	5.80	5.30	5.55		38.85	
	Bindu layout cross road A									
	0.00	30.00	1	30.00	4.50	4.50	4.50		135.00	
	30.00	60.00	1	30.00	4.50	4.50	4.50		135.00	
	60.00	90.00	1	30.00	4.50	4.50	4.50		135.00	
	90.00	104.00	1	14.00	4.50	4.50	4.50		63.00	
	Kattigenahalli main road towards 2nd main road									
	0.00	30.00	1	30.00	6.20	5.30	5.75		172.50	
	30.00	60.00	1	30.00	5.30	5.55	5.43		162.75	
	60.00	80.00	1	20.00	5.10	7.10	6.10		122.00	
	80.00	98.00	1	18.00	9.50	11.00	10.25		184.50	
	98.00	120.00	1	22.00	11.00	6.40	8.70		191.40	
	120.00	150.00	1	30.00	5.70	5.30	5.50		165.00	
	150.00	180.00	1	30.00	5.30	7.50	6.40		192.00	
	180.00	210.00	1	30.00	7.70	5.50	6.60		198.00	
	210.00	240.00	1	30.00	5.50	8.80	7.15		214.50	
	240.00	250.00	1	10.00	8.80	7.20	8.00		80.00	
	250.00	280.00	1	30.00	7.20	6.60	6.90		207.00	
	280.00	310.00	1	30.00	6.60	6.00	6.30		189.00	
	310.00	330.00	1	20.00	6.00	8.20	7.10		142.00	
	330.00	336.00	1	6.00	8.20	10.00	9.10		54.60	
	Kattigenahalli 2nd main road									
	0.00	30.00	1	30.00	5.20	4.40	4.80		144.00	
	30.00	60.00	1	30.00	4.40	4.40	4.40		132.00	
	60.00	90.00	1	30.00	4.40	4.50	4.45		133.50	
	90.00	120.00	1	30.00	4.50	4.70	4.60		138.00	
	120.00	134.00	1	14.00	4.70	5.80	5.25		73.50	
	134.00	164.00	1	30.00	5.80	6.70	6.25		187.50	
	164.00	194.00	1	30.00	6.70	6.60	6.65		199.50	
	194.00	224.00	1	30.00	6.60	6.30	6.45		193.50	
	224.00	254.00	1	30.00	6.30	6.40	6.35		190.50	
	254.00	284.00	1	30.00	6.40	6.00	6.20		186.00	
	284.00	314.00	1	30.00	6.00	7.00	6.50		195.00	
	314.00	344.00	1	30.00	7.00	6.50	6.75		202.50	
	344.00	374.00	1	30.00	6.50	6.50	6.50		195.00	
	374.00	404.00	1	30.00	6.50	7.00	6.75		202.50	
	404.00	409.40	1	5.40	7.00	7.50	7.25		39.15	

6029.30

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SLNO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	Kattigenahalli Cross road 1									
	0.00	30.00	1	30.00	4.00	3.90	3.95		118.50	
	30.00	60.00	1	30.00	3.90	4.30	4.10		123.00	
	60.00	90.00	1	30.00	4.30	4.50	4.40		132.00	
	90.00	120.00	1	30.00	4.50	4.20	4.35		130.50	
	120.00	124.40	1	4.40	4.20	4.20	4.20		18.48	
	Kattigenahalli Cross road 2									
	0.00	30.00	1	30.00	4.40	4.60	4.50		135.00	
	30.00	60.00	1	30.00	4.60	4.30	4.45		133.50	
	60.00	90.00	1	30.00	4.30	5.30	4.80		144.00	
	90.00	106.00	1	16.00	5.30	3.10	4.20		67.20	
	106.00	112.00	1	6.00	3.10	2.90	3.00		18.00	
	112.00	123.00	1	11.00	2.90	4.40	3.65		40.15	
	ALFA School road								0.00	
	0.00	30.00	1	30.00	6.30	3.70	5.00		150.00	
	30.00	30.60	1	0.60	3.70	3.70	3.70		2.22	
	30.60	32.00	1	1.40						culvert width
	32.00	62.00	1	30.00	3.70	5.00	4.35		130.50	
	62.00	83.00	1	21.00	5.00	5.80	5.40		113.40	
	83.00	113.00	1	30.00	5.80	5.80	5.80		174.00	
	113.00	143.00	1	30.00	5.80	5.70	5.75		172.50	
	143.00	164.00	1	21.00	5.70	4.50	5.10		107.10	
	ALFA School cross road 1									
	0.00	13.00	1	13.00	5.80	5.80	5.80		75.40	
	ALFA School cross road 2									
	0.00	30.00	1	30.00	5.70	5.70	5.70		171.00	
	30.00	35.00	1	5.00	5.70	7.30	6.50		32.50	
	Kattigenahalli TO Palanahalli Road									
	0.00	30.00	1	30.00	9.20	9.00	9.10		273.00	
	30.00	60.00	1	30.00	9.00	8.90	8.95		268.50	
	60.00	90.00	1	30.00	8.90	7.90	8.40		252.00	
	90.00	120.00	1	30.00	7.90	10.00	8.95		268.50	
	120.00	150.00	1	30.00	10.00	11.50	10.75		322.50	
	150.00	180.00	1	30.00	11.50	8.70	10.10		303.00	
	180.00	210.00	1	30.00	8.70	9.60	9.15		274.50	
	210.00	240.00	1	30.00	9.60	9.60	9.60		288.00	
	240.00	270.00	1	30.00	9.60	8.30	8.95		268.50	
	270.00	300.00	1	30.00	8.30	8.70	8.50		255.00	
	300.00	330.00	1	30.00	8.70	7.80	8.25		247.50	
	330.00	360.00	1	30.00	7.80	7.80	7.80		234.00	
	360.00	390.00	1	30.00	7.80	9.60	8.70		261.00	
	390.00	420.00	1	30.00	9.60	9.30	9.45		283.50	
	420.00	450.00	1	30.00	9.30	8.60	8.95		268.50	
	450.00	480.00	1	30.00	8.60	10.30	9.45		283.50	
	480.00	510.00	1	30.00	10.30	8.70	9.50		285.00	

6864.60

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SLNO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	510.00	540.00	1	30.00	8.70	9.70	9.20		276.00	
	540.00	570.00	1	30.00	9.70	10.70	10.20		306.00	
	570.00	600.00	1	30.00	10.70	10.00	10.35		310.50	
	600.00	630.00	1	30.00	10.00	13.00	11.50		345.00	
	630.00	660.00	1	30.00	13.00	9.50	11.25		337.50	
	660.00	690.00	1	30.00	9.50	8.50	9.00		270.00	
	690.00	720.00	1	30.00	8.50	13.20	10.85		325.50	
	720.00	750.00	1	30.00	13.20	9.20	11.20		336.00	
	750.00	780.00	1	30.00	9.20	7.60	8.40		252.00	
	780.00	810.00	1	30.00	7.60	7.50	7.55		226.50	
	810.00	840.00	1	30.00	7.50	9.50	8.50		255.00	
	840.00	870.00	1	30.00	9.50	8.40	8.95		268.50	
	870.00	900.00	1	30.00	8.40	8.00	8.20		246.00	
	900.00	930.00	1	30.00	8.00	7.70	7.85		235.50	
	930.00	960.00	1	30.00	7.70	8.30	8.00		240.00	
	960.00	990.00	1	30.00	8.30	7.50	7.90		237.00	
	990.00	1020.00	1	30.00	7.50	7.00	7.25		217.50	
	1020.00	1050.00	1	30.00	7.00	8.20	7.60		228.00	
	1050.00	1080.00	1	30.00	8.20	10.80	9.50		285.00	
	1080.00	1110.00	1	30.00	10.80	7.70	9.25		277.50	
	1110.00	1140.00	1	30.00	7.70	8.40	8.05		241.50	
	1140.00	1170.00	1	30.00	8.40	7.10	7.75		232.50	
	1170.00	1200.00	1	30.00	7.10	7.40	7.25		217.50	
	1200.00	1230.00	1	30.00	7.40	7.10	7.25		217.50	
	1230.00	1250.00	1	20.00	7.10	6.80	6.95		139.00	
	1250.00	1280.00	1	30.00	6.80	12.50	9.65		289.50	
	1280.00	1300.00	1	20.00	12.50	9.60	11.05		221.00	
	Cross Road A									
	0.00	30.00	1	30.00	6.60	6.50	6.55		196.50	
	30.00	60.00	1	30.00	6.50	6.00	6.25		187.50	
	60.00	90.00	1	30.00	6.00	6.00	6.00		180.00	
	90.00	120.00	1	30.00	6.00	6.00	6.00		180.00	
	120.00	150.00	1	30.00	6.30	6.30	6.30		189.00	
	150.00	180.00	1	30.00	6.30	6.30	6.30		189.00	
	180.00	200.00	1	20.00	6.30	6.70	6.50		130.00	
	Cross Road B									
	0.00	30.00	1	30.00	6.60	6.50	6.55		196.50	
	30.00	60.00	1	30.00	6.50	6.00	6.25		187.50	
	60.00	90.00	1	30.00	6.00	6.00	6.00		180.00	
	90.00	120.00	1	30.00	6.00	6.00	6.00		180.00	
	120.00	150.00	1	30.00	6.30	6.30	6.30		189.00	
	150.00	180.00	1	30.00	6.30	6.30	6.30		189.00	
	180.00	200.00	1	20.00	6.30	6.70	6.50		130.00	
	Shivashankar layout 3rd main									
	0.00	30.00	1	30.00	5.00	6.70	5.85		175.50	

9713.00

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SLNO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	30.00	60.00	1	30.00	6.70	6.00	6.35		190.50	
	60.00	90.00	1	30.00	6.00	6.70	6.35		190.50	
	90.00	120.00	1	30.00	6.70	6.70	6.70		201.00	
	120.00	150.00	1	30.00	6.70	6.60	6.65		199.50	
	150.00	171.40	1	21.40	6.60	6.40	6.50		139.10	
	Shivashankar layout 2nd main									
	0.00	30.00	1	30.00	7.00	7.25	7.13		213.75	
	30.00	60.00	1	30.00	7.25	6.80	7.03		210.75	
	60.00	90.00	1	30.00	6.80	7.20	7.00		210.00	
	90.00	120.00	1	30.00	7.20	7.30	7.25		217.50	
	120.00	150.00	1	30.00	7.30	7.10	7.20		216.00	
	150.00	171.60	1	21.60	7.10	6.60	6.85		147.96	
	Shivashankar layout cross road									
	0.00	30.00	1	30.00	5.70	5.50	5.60		168.00	
	30.00	33.00	1	3.00	5.50	5.50	5.50		16.50	
	Shivashankar layout 4th main									
	0.00	30.00	1	30.00	5.00	6.60	5.80		174.00	
	30.00	60.00	1	30.00	6.60	4.50	5.55		166.50	
	60.00	90.00	1	30.00	4.50	6.80	5.65		169.50	
	90.00	120.00	1	30.00	6.80	4.70	5.75		172.50	
	120.00	150.00	1	30.00	3.10	6.10	4.60		138.00	
	150.00	170.00	1	20.00	6.10	5.75	5.93		118.50	3260.06
								Total Qty Work Done	**31051.21**	**Sqm**
								Qty Payable in this bill	**31051.21**	**Sqm**
								Qty Paid in 1st Bill	**8882.19**	**Sqm**
								Total Qty	**39933.40**	**Sqm**
								Qty Payable in 2nd Bill	**31051.21**	**Sqm**

Contractor Representative

Consultant Representative

NEWLEN CONSULTANT BANGALORE

Asst Engineer 10/6/24

Asst.Executive Engineer

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25

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:Improvements to Roads and drains works at Kattigenahalli Main and Cross, Sirinagara, Niranthara layout, SriKrishna Garden, Shivashankar layout, Varaha layout, Bindu layout and Surrounding areas in Ward No-05

Measurement Sheet

Second and Final Bill

Item No:	16
Item Name:	KSRRB M500-17. Providing and laying Dense Graded Bituminous Macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. clause 505 of MORTH V revisionusing 40/60 TPH capacity H.M.P. with mechanical paver Gr-II (50mm to 70mm) with 4.5% VG-30 bitumen with all lead and lift and as per the

Premeasurement recorded on:

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	Palanahalli 25th cross road									
	0.00	30.00	1	30.00	7.50	7.50	7.50	0.050	11.25	
	30.00	50.00	1	20.00	7.50	7.50	7.50	0.050	7.50	
	50.00	80.00	1	30.00	7.50	7.50	7.50	0.050	11.25	
	80.00	110.00	1	30.00	7.50	7.50	7.50	0.050	11.25	
	110.00	122.50	1	12.50	7.50	7.50	7.50	0.050	4.69	
	122.50	152.50	1	30.00	7.50	7.50	7.50	0.050	11.25	
	152.50	159.10	1	6.60	7.50	7.50	7.50	0.050	2.48	
	159.10	165.80	1	6.70	7.50	7.50	7.50	0.050	2.51	
	165.80	174.50	1	8.70	7.50	7.50	7.50	0.050	3.26	
	174.50	190.90	1	16.40	7.50	7.50	7.50	0.050	6.15	
	190.90	199.30	1	8.40	7.50	7.50	7.50	0.050	3.15	
	199.30	229.30	1	30.00	7.50	7.50	7.50	0.050	11.25	
	229.30	247.30	1	18.00	7.50	7.50	7.50	0.050	6.75	
	247.30	277.30	1	30.00	7.50	7.50	7.50	0.050	11.25	
	277.30	307.30	1	30.00	7.50	7.50	7.50	0.050	11.25	
	307.30	337.30	1	30.00	7.50	7.50	7.50	0.050	11.25	
	337.30	367.30	1	30.00	7.50	7.50	7.50	0.050	11.25	
	367.30	397.30	1	30.00	7.50	7.50	7.50	0.050	11.25	
	397.30	427.30	1	30.00	7.50	7.50	7.50	0.050	11.25	
	427.30	457.30	1	30.00	7.50	7.50	7.50	0.050	11.25	
	457.30	487.30	1	30.00	7.50	7.50	7.50	0.050	11.25	
	487.30	517.30	1	30.00	7.50	7.50	7.50	0.050	11.25	
	517.30	536.30	1	19.00	7.50	7.50	7.50	0.050	7.13	
	Bhagath enclave 2nd cross									
	0.00	30.00	1	30.00	7.00	6.60	6.80	0.050	10.20	
	30.00	60.00	1	30.00	6.60	6.40	6.50	0.050	9.75	
	60.00	89.00	1	29.00	6.40	6.30	6.35	0.050	9.21	
	Bindu layout cross road 1									
	0.00	30.00	1	30.00	6.00	6.00	6.00	0.050	9.00	

239.27

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SLNO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	30.00	60.00	1	30.00	6.00	6.00	6.00	0.050	9.00	
	60.00	90.00	1	30.00	6.00	6.00	6.00	0.050	9.00	
	90.00	97.00	1	7.00	6.00	5.10	5.55	0.050	1.94	
	Bindu layout cross road 2									
	0.00	30.00	1	30.00	5.00	5.60	5.30	0.050	7.95	
	30.00	60.00	1	30.00	5.60	5.50	5.55	0.050	8.33	
	60.00	90.00	1	30.00	5.50	5.30	5.40	0.050	8.10	
	90.00	95.50	1	5.50	5.30	5.50	5.40	0.050	1.49	
	Bindu layout cross road 3									
	0.00	30.00	1	30.00	6.00	6.00	6.00	0.050	9.00	
	30.00	60.00	1	30.00	6.00	5.80	5.90	0.050	8.85	
	60.00	67.00	1	7.00	5.80	5.30	5.55	0.050	1.94	
	Bindu layout cross road A									
	0.00	30.00	1	30.00	4.50	4.50	4.50	0.050	6.75	
	30.00	60.00	1	30.00	4.50	4.50	4.50	0.050	6.75	
	60.00	90.00	1	30.00	4.50	4.50	4.50	0.050	6.75	
	90.00	104.00	1	14.00	4.50	4.50	4.50	0.050	3.15	
	Kattigenahalli main road towards 2nd main road									
	0.00	30.00	1	30.00	6.20	5.30	5.75	0.050	8.63	
	30.00	60.00	1	30.00	5.30	5.55	5.43	0.050	8.14	
	60.00	80.00	1	20.00	5.10	7.10	6.10	0.050	6.10	
	80.00	98.00	1	18.00	9.50	11.00	10.25	0.050	9.23	
	98.00	120.00	1	22.00	11.00	6.40	8.70	0.050	9.57	
	120.00	150.00	1	30.00	5.70	5.30	5.50	0.050	8.25	
	150.00	180.00	1	30.00	5.30	7.50	6.40	0.050	9.60	
	180.00	210.00	1	30.00	7.70	5.50	6.60	0.050	9.90	
	210.00	240.00	1	30.00	5.50	8.80	7.15	0.050	10.73	
	240.00	250.00	1	10.00	8.80	7.20	8.00	0.050	4.00	
	250.00	280.00	1	30.00	7.20	6.60	6.90	0.050	10.35	
	280.00	310.00	1	30.00	6.60	6.00	6.30	0.050	9.45	
	310.00	330.00	1	20.00	6.00	8.20	7.10	0.050	7.10	
	330.00	336.00	1	6.00	8.20	10.00	9.10	0.050	2.73	
	Kattigenahalli 2nd main road									
	0.00	30.00	1	30.00	5.20	4.40	4.80	0.050	7.20	
	30.00	60.00	1	30.00	4.40	4.40	4.40	0.050	6.60	
	60.00	90.00	1	30.00	4.40	4.50	4.45	0.050	6.68	
	90.00	120.00	1	30.00	4.50	4.70	4.60	0.050	6.90	
	120.00	134.00	1	14.00	4.70	5.80	5.25	0.050	3.68	
	134.00	164.00	1	30.00	5.80	6.70	6.25	0.050	9.38	
	164.00	194.00	1	30.00	6.70	6.60	6.65	0.050	9.98	
	194.00	224.00	1	30.00	6.60	6.30	6.45	0.050	9.68	
	224.00	254.00	1	30.00	6.30	6.40	6.35	0.050	9.53	
	254.00	284.00	1	30.00	6.40	6.00	6.20	0.050	9.30	
	284.00	314.00	1	30.00	6.00	7.00	6.50	0.050	9.75	
	314.00	344.00	1	30.00	7.00	6.50	6.75	0.050	10.13	

301.53

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SLNO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	344.00	374.00	1	30.00	6.50	6.50	6.50	0.050	9.75	
	374.00	404.00	1	30.00	6.50	7.00	6.75	0.050	10.13	
	404.00	409.40	1	5.40	7.00	7.50	7.25	0.050	1.96	
	Kattigenahalli Cross road 1									
	0.00	30.00	1	30.00	4.00	3.90	3.95	0.050	5.93	
	30.00	60.00	1	30.00	3.90	4.30	4.10	0.050	6.15	
	60.00	90.00	1	30.00	4.30	4.50	4.40	0.050	6.60	
	90.00	120.00	1	30.00	4.50	4.20	4.35	0.050	6.53	
	120.00	124.40	1	4.40	4.20	4.20	4.20	0.050	0.92	
	Kattigenahalli Cross road 2									
	0.00	30.00	1	30.00	4.40	4.60	4.50	0.050	6.75	
	30.00	60.00	1	30.00	4.60	4.30	4.45	0.050	6.68	
	60.00	90.00	1	30.00	4.30	5.30	4.80	0.050	7.20	
	90.00	106.00	1	16.00	5.30	3.10	4.20	0.050	3.36	
	106.00	112.00	1	6.00	3.10	2.90	3.00	0.050	0.90	
	112.00	123.00	1	11.00	2.90	4.40	3.65	0.050	2.01	
	ALFA School road									
	0.00	30.00	1	30.00	6.30	3.70	5.00	0.050	7.50	
	30.00	30.60	1	0.60	3.70	3.70	3.70	0.050	0.11	
	30.60	32.00	1	1.40					6.53	culvert width
	32.00	62.00	1	30.00	3.70	5.00	4.35	0.050	5.67	
	62.00	83.00	1	21.00	5.00	5.80	5.40	0.050	8.70	
	83.00	113.00	1	30.00	5.80	5.80	5.80	0.050	8.63	
	113.00	143.00	1	30.00	5.80	5.70	5.75	0.050	5.36	
	143.00	164.00	1	21.00	5.70	4.50	5.10	0.050		
	ALFA School cross road 1									
	0.00	13.00	1	13.00	5.80	5.80	5.80	0.050	3.77	
	ALFA School cross road 2									
	0.00	30.00	1	30.00	5.70	5.70	5.70	0.050	8.55	
	30.00	35.00	1	5.00	5.70	7.30	6.50	0.050	1.63	
	Kattigenahalli TO Palanahalli Road									
	0.00	30.00	1	30.00	6.00	6.00	6.00	0.050	9.00	
	30.00	60.00	1	30.00	6.00	5.90	5.95	0.050	8.93	
	60.00	90.00	1	30.00	5.90	6.00	5.95	0.050	8.93	
	90.00	120.00	1	30.00	6.00	6.00	6.00	0.050	9.00	
	120.00	150.00	1	30.00	6.00	5.76	5.88	0.050	8.82	
	150.00	180.00	1	30.00	5.76	6.00	5.88	0.050	8.82	
	180.00	210.00	1	30.00	6.00	6.00	6.00	0.050	9.00	
	210.00	240.00	1	30.00	6.00	6.00	6.00	0.050	9.00	
	240.00	270.00	1	30.00	6.00	6.00	6.00	0.050	9.00	
	270.00	300.00	1	30.00	6.00	6.00	6.00	0.050	9.00	
	300.00	330.00	1	30.00	6.00	6.00	6.00	0.050	9.00	
	330.00	360.00	1	30.00	6.00	6.00	6.00	0.050	9.00	
	360.00	390.00	1	30.00	6.00	6.00	6.00	0.050	9.00	

238.77

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SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	390.00	420.00	1	30.00	6.00	6.00	6.00	0.050	9.00	
	420.00	450.00	1	30.00	6.00	6.00	6.00	0.050	9.00	
	450.00	480.00	1	30.00	6.00	6.00	6.00	0.050	9.00	
	480.00	510.00	1	30.00	6.00	6.00	6.00	0.050	9.00	
	510.00	540.00	1	30.00	6.00	6.00	6.00	0.050	9.00	
	540.00	570.00	1	30.00	6.00	6.00	6.00	0.050	9.00	
	570.00	600.00	1	30.00	6.00	6.00	6.00	0.050	9.00	
	600.00	630.00	1	30.00	6.00	6.00	6.00	0.050	9.00	
	630.00	660.00	1	30.00	6.00	6.00	6.00	0.050	9.00	
	660.00	690.00	1	30.00	6.00	6.00	6.00	0.050	9.00	
	690.00	720.00	1	30.00	6.00	6.00	6.00	0.050	9.00	
	720.00	750.00	1	30.00	6.00	6.00	6.00	0.050	9.00	
	750.00	780.00	1	30.00	6.00	6.00	6.00	0.050	9.00	
	780.00	810.00	1	30.00	6.00	6.00	6.00	0.050	9.00	
	810.00	840.00	1	30.00	6.00	6.00	6.00	0.050	9.00	
	840.00	870.00	1	30.00	6.00	6.00	6.00	0.050	9.00	
	870.00	900.00	1	30.00	6.00	6.00	6.00	0.050	9.00	
	900.00	930.00	1	30.00	6.00	6.00	6.00	0.050	9.00	
	930.00	960.00	1	30.00	6.00	6.00	6.00	0.050	9.00	
	960.00	990.00	1	30.00	6.00	6.00	6.00	0.050	9.00	
	990.00	1020.00	1	30.00	6.00	6.00	6.00	0.050	9.00	
	1020.00	1050.00	1	30.00	6.00	6.00	6.00	0.050	9.00	
	1050.00	1080.00	1	30.00	6.00	6.00	6.00	0.050	9.00	
	1080.00	1110.00	1	30.00	6.00	6.00	6.00	0.050	9.00	
	1110.00	1140.00	1	30.00	6.00	6.00	6.00	0.050	9.00	
	1140.00	1170.00	1	30.00	6.00	6.00	6.00	0.050	9.00	
	1170.00	1200.00	1	30.00	6.00	6.00	6.00	0.050	9.00	
	1200.00	1230.00	1	30.00	6.00	6.00	6.00	0.050	9.00	
	1230.00	1250.00	1	20.00	6.00	6.00	6.00	0.050	6.00	
	1250.00	1280.00	1	30.00	6.00	6.00	6.00	0.050	9.00	
	1280.00	1300.00	1	20.00	6.00	6.00	6.00	0.050	6.00	
	Cross Road A									
	0.00	30.00	1	30.00	6.60	6.50	6.55	0.050	9.83	
	30.00	60.00	1	30.00	6.50	6.00	6.25	0.050	9.38	
	60.00	90.00	1	30.00	6.00	6.00	6.00	0.050	9.00	
	90.00	120.00	1	30.00	6.00	6.00	6.00	0.050	9.00	
	120.00	150.00	1	30.00	6.30	6.30	6.30	0.050	9.45	
	150.00	180.00	1	30.00	6.30	6.30	6.30	0.050	9.45	
	180.00	200.00	1	20.00	6.30	6.70	6.50	0.050	6.50	
	Cross Road B									
	0.00	30.00	1	30.00	6.60	6.50	6.55	0.050	9.83	
	30.00	60.00	1	30.00	6.50	6.00	6.25	0.050	9.38	
	60.00	90.00	1	30.00	6.00	6.00	6.00	0.050	9.00	
	90.00	120.00	1	30.00	6.00	6.00	6.00	0.050	9.00	
	120.00	150.00	1	30.00	6.30	6.30	6.30	0.050	9.45	

391.25

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SL NO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	150.00	180.00	1	30.00	6.30	6.30	6.30	0.050	9.45	
	180.00	200.00	1	20.00	6.30	6.70	6.50	0.050	6.50	
	Shivashankar layout 3rd main									
	0.00	30.00	1	30.00	3.00	3.10	3.05	0.050	4.58	
	30.00	60.00	1	30.00	3.10	3.00	3.05	0.050	4.58	
	60.00	90.00	1	30.00	3.00	3.00	3.00	0.050	4.50	
	90.00	120.00	1	30.00	3.00	3.00	3.00	0.050	4.50	
	120.00	150.00	1	30.00	3.00	3.10	3.05	0.050	4.58	
	150.00	171.40	1	21.40	3.10	3.00	3.05	0.050	3.26	
	Shivashankar layout 2nd main									
	0.00	30.00	1	30.00	7.00	7.25	7.13	0.050	10.69	
	30.00	60.00	1	30.00	7.25	6.80	7.03	0.050	10.54	
	60.00	90.00	1	30.00	6.80	7.20	7.00	0.050	10.50	
	90.00	120.00	1	30.00	7.20	7.30	7.25	0.050	10.88	
	120.00	150.00	1	30.00	7.30	7.10	7.20	0.050	10.80	
	150.00	171.60	1	21.60	7.10	6.60	6.85	0.050	7.40	
	Shivashankar layout cross road									
	0.00	30.00	1	30.00	5.70	5.50	5.60	0.040	6.72	
	30.00	33.00	1	3.00	5.50	5.50	5.50	0.040	0.66	
	Shivashankar layout 4th main									
	0.00	30.00	1	30.00	3.00	3.10	3.05	0.050	4.53	
	30.00	60.00	1	30.00	3.10	3.10	3.10	0.050	4.60	
	60.00	90.00	1	30.00	3.10	3.00	3.05	0.050	4.53	
	90.00	120.00	1	30.00	3.00	3.00	3.00	0.050	4.46	
	120.00	150.00	1	30.00	3.10	3.00	3.05	0.050	4.53	
	150.00	170.00	1	20.00	3.00	3.00	3.00	0.050	3.00	
								Total Qty Work Done	**1306.59**	**Cum**
								Qty Payable in this bill	**1306.59**	**Cum**
								Qty Paid in 1st Bill	**444.11**	**Cum**
								Total Qty	**1750.69**	**Cum**
								Qty Payable in 2nd Bill	**1306.59**	**Cum**

Contractor Representative

Consultant Representative

Asst Engineer

Asst. Executive Engineer

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:Improvements to Roads and drains works at Kattigenahalli Main and Cross, Sirinagara, Niranthara layout, SriKrishna Garden, Shivashankar layout, Varaha layout, Bindu layout and Surrounding areas in Ward No-05

Measurement Sheet

Second and Final Bill

Item No:	**E1**
Item Name:	Providing and laying reinforced cement concrete pipe NP3 for culverts including pointing ends, and fixing collars with cement mortar 1:2 including cost of all materials, labour, curing, including cost of materials, labour, HOM complete as per specifications. Specifications. No. KSRB 1000, 2300 MOST Specification No.1000 / 2300 (For 450mm dia).

Measurement recorded on:

SLNO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	Sri Krishna Garden									
	0.00	24.50	1	24.50					24.50	
	Palanahalli 25th cross road									
	0.00	7.00	1	7.00					7.00	
								Total Qty Work Done	**31.50**	**mts**
								Qty Payable in this bill	**31.50**	**mts**

Contractor Representative

NEWZEN CONSULTANT BANGALORE

Consultant Representative

Asst.Engineer

Asst.Executive Engineer

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